

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-21 (Cancelled)

22. (Currently amended): A method of transferring pulp from a treatment performed in at least so-called medium consistency to screening while separating gas from said pulp and diluting the pulp to a screening consistency, comprising the steps of;

separating gas from the at least medium consistency pulp by means of a rotor;  
pumping the degassed at least medium consistency pulp ~~[[to]]~~towards screening;

and

diluting the pulp to the screening consistency after the gas separation and prior to a first screening stage.

23. (Previously presented): A method according to claim 22, wherein the treatment performed in at least medium consistency is oxygen delignification.

24. (Previously presented): A method according to claim 22, wherein the treatment performed in at least medium consistency is washing following oxygen delignification.

25. (Previously presented): A method according to claim 22, wherein said treatment is washing, comprising the step of diluting the pulp from the discharge consistency of the washing treatment to medium consistency.

26. (Previously presented): A method according to claim 25, wherein the dilution is performed with assistance of a bottom scraper (22).

27. (Previously presented): A method according to claim 22, wherein the gas separation is performed by means of a turbulence-forming rotor (32).

28. (Previously presented): A method according to claim 22, wherein the gas separation is performed by means of a pump (26) provided with a rotor capable of separating gas from the pulp.

29. (Previously presented): A method according to claim 22, wherein the pulp is diluted from said at least medium consistency to a consistency higher than the screening consistency.

30. (Previously presented): A method according to claim 22, wherein the pulp is diluted to a consistency of about 1-3%.

31. (Currently amended): An arrangement for transferring pulp from a treatment in at least medium consistency to screening in low consistency, the arrangement comprising at least a pulp treatment apparatus operating in at least so-called medium consistency, means for separating gas, a dilution apparatus, and a pump (26) for transferring the pulp to screening (50), wherein the arrangement comprising comprises rotor means (26; 32) for separating gas arranged between the medium consistency pulp treatment apparatus (5) and said dilution apparatus (28), and wherein the pump (26) is arranged between the medium consistency pulp treatment apparatus (5) and the screening (50).

32. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein said pulp treatment apparatus (5) is a washing apparatus.

33. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein said pulp treatment apparatus (5) is pressurized drum washer, suction drum washer, wire press or a wash press.

34. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein the pulp treatment apparatus (5) is an oxygen delignification stage.

35. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein said gas separating means is a centrifugal pump (26) provided with a rotor capable of separating gas from medium consistency pulp.

36. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein said gas separating means is a turbulence-forming rotor (32) arranged in a drop leg (30) prior to the pump (26).

37. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein said dilution apparatus is a rotary or static mixer (28) arranged downstream of said gas separating rotor means (26; 32).

38. (Previously presented): An arrangement for transferring pulp as recited in claim 31, wherein said dilution apparatus is a centrifugal pump.

39. (Currently amended): A method according to claim 22, wherein separating gas from the at least medium consistency pulp and pumping the pulp ~~[[to]]~~towards screening are performed by means of a so-called MC pump.

40. (New): A method according to claim 22, wherein said treatment is a washing treatment, and wherein the at least medium consistency pulp is maintained at a discharge consistency of the washing treatment prior to separating the gas.

41. (New): A method according to claim 22, wherein the discharge consistency ranges from 10-15%.

42. (New): An arrangement for transferring pulp as recited in claim 32, wherein the pulp is not diluted from a discharge consistency of the washing apparatus prior to reaching the pump.

43. (New): An arrangement for transferring pulp as recited in claim 42, wherein the discharge consistency ranges from 10-15%.